

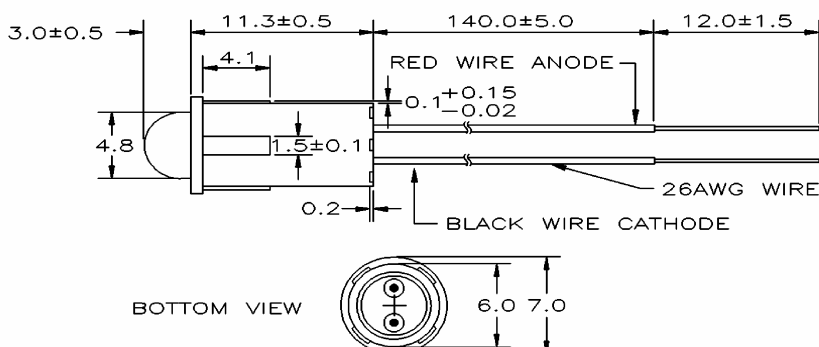


Red Panel Mount LED w/6" Wire Leads

MT4164S4-HR6-2

Features

Low current requirements
High light output
Reliable and rugged
IC Compatible
Red Diffused Lens



Notes :
1. All dimensions are in millimeters .
2. Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.

Maximum Ratings (Ta=25°C)

Characteristic	Symbol	Max.	Unit
Forward Current	I_F	30	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	72.00	mW
Operating Temperature	T_{opr}	-25 ~ +60	°C
Storage Temperature	T_{stg}	-25 ~ +60	°C
Soldering Temperature	T_{sol}	260	°C
Soldering Time	—	for 5 sec. max	—

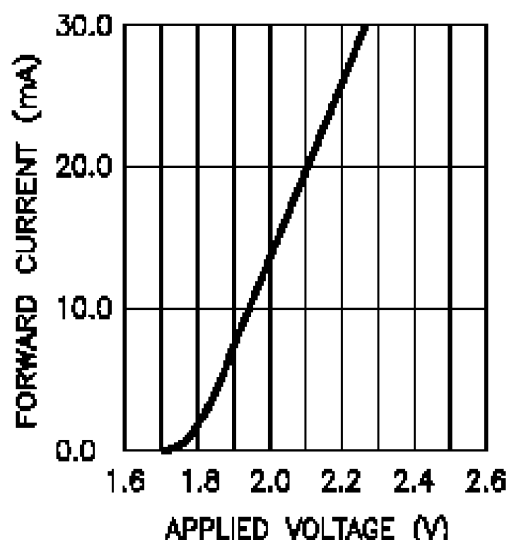
Opto-Electrical Characteristics (Ta=25°C)

Characteristic	Symbol	Test Condition	Min	Typ	Max	Unit
Forward Voltage	V_F	$I_F=20\text{mA}$	—	2.10	2.40	V
Reverse Current	I_R	$V_R=5\text{V}$	—	—	100	mA
Luminous Intensity	I_v	$I_F=20\text{mA}$	15.00	25.00	—	mcd
Viewing Angle	$2\theta^{1/2}$	—	—	40°	—	deg.
Peak Wavelength	λ_p	$I_F=20\text{mA}$	—	630	—	nm
Dominant Wavelength	λ_d	$I_F=20\text{mA}$	—	625	—	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F=20\text{mA}$	—	35	—	nm

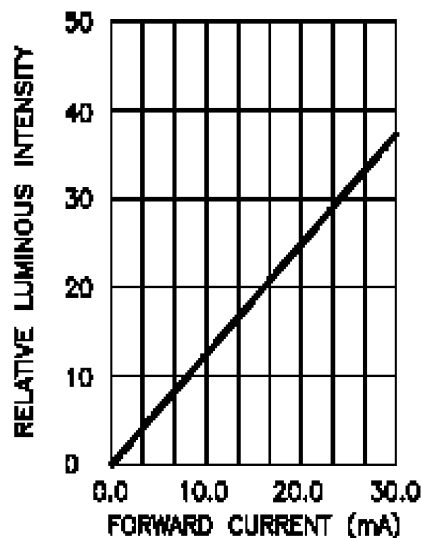
Specification is subject to change without notice.

MT4164S4-HR6-2 Graphs

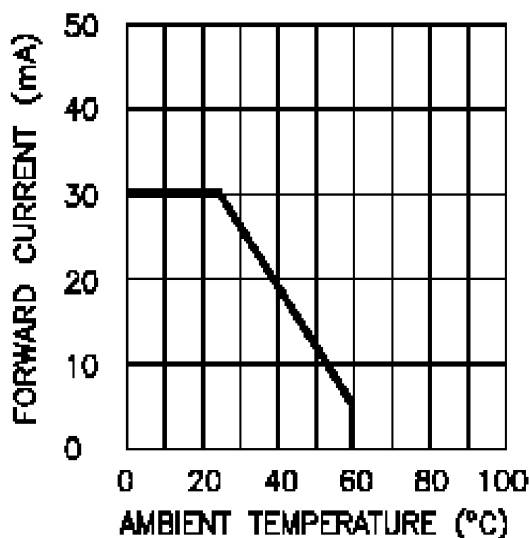
Typical Electrical / Optical Characteristics Curves :



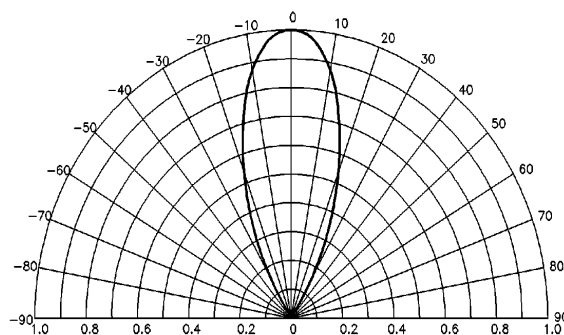
Forward Current vs. Forward Voltage



**Forward Current vs.
Relative Luminous Intensity**



Ambient Temperature vs. Forward Current



Radiation Diagram